Attorney Docket No.: 018890-000610US

Client Ref. No.: JHU-1754 US

PTO/SB/01A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	ARTEMISININ-DERIVED TRIOXANE DIMERS		
As the below	v named inventor(s), I/we declare that:		
This declara	tion is directed to:		
	The attached application, or		
	Application No. 10/529,513 , filed of	on March 2	<u>25, 2005</u> ,
•	as amended on	_	(if applicable);
I/we believe sought;	that I/we am/are the original and first inventor(s) of the subject m	atter which	is claimed and for which a patent is
I/we have re amendment	eviewed and understand the contents of the above-identified applic specifically referred to above;	cation, includ	ding the claims, as amended by any
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.			
to be true, a	ts made herein of my/our own knowledge are true, all statements made nd further that these statements were made with the knowledge the py fine or imprisonment, or both, under 18 U.S.C. 1001, and may judge thereon.	at willful fals	se statements and the like are
FULL NAM	ME OF INVENTOR(S)		•
Inventor or	ne: Gary H. Posner	Date:	10/28/05
Signature:	Thy Posner	Citizen of:	United States
Inventor tw	vo: Theresa A. Shapiro	Date:	
Signature:	· · ·	_Citizen of:	United States
Inventor th	ree: Surojit Sur	Date:	
Signature:		Citizen of:	India
Inventor fo	ur: Tanzina Labonte	Date:	
Signature:		Citizen of:	Bangladesh
Additio	nal inventors or a legal representative are being named on	-	additional form(s) attached hereto.

SAN 1 9 2006

RECEIVED

: PTO/SB/01A (09-04)

Χ

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN DEPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	ARTEMISININ-DERIVED TRIOXANE DIMERS	
	*	
As the below	v named inventor(s), I/we declare that:	
rnis deciara	ition is directed to:	•
	The attached application, or	
1	Application No. <u>10/529,513</u> , file	
	as amended on	(if applicable);
I/we believe sought;	that I/we am/are the original and first inventor(s) of the subject	t matter which is claimed and for which a patent is
I/we have re amendment	viewed and understand the contents of the above-identified app specifically referred to above;	plication, including the claims, as amended by any
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all Information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.		
to be true, as	is made herein of my/our own knowledge are true, all statements mend further that these statements were made with the knowledge by fine or imprisonment, or both, under 18 U.S.C. 1001, and maying thereon.	that willful false statements and the like are
FULL NAM	E OF INVENTOR(S)	
Inventor on	e: Gary H. Posner	Date:
Signature:		Citizen of: United States
Inventor tw	o: Theresa A. Shapiro	Date: au 11, 2006
Signature:	Huma Shapin	Citizen of: United States
Inventor thr	ree: Surojit Sur	Date:
Signature:		Citizen of: India
Inventor for	ur: Tanzina Labonte	Date:
Signature:		Citizen of: Bangladesh
Addition	nal inventors or a legal representative are being named on	additional form(s) attached hereto.

:: '

Atto ey Docket No.: 018890-000610US Clie. Ref. No.: JHU-1754 US 1754

PTO/SB/D1A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Titl	of ition	ARTEMISININ-DERIVED TRIOXANE DIMERS	
	,		
Δο 1	a below	v named inventor(s), I/we declare that:	
		•	
This	leclara	tion is directed to:	
		The attached application, or	
		Application No. <u>10/529,513</u> , filed on <u>March 25, 2005</u> ,	
		as amended on (if applicable);	
I/we soul	elleve t;	that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is	
I/we ame	ave re	viewed and understand the contents of the above-identified application, including the claims, as amended by any specifically referred to above;	
l/we mate beca cont	al to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which he available between the filing date of the prior application and the national or PCT international filing date of the		
All si to be puni- pate	able b	s made herein of my/our own knowledge are true, all statements made herein on information and belief are believed and further that these statements were made with the knowledge that willful false statements and the like are y fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any g thereon.	
FU	·NAM	E OF INVENTOR(S)	
Inv		e: Gary H. Posner Date:	
Sig	iture:	Citizen of: United States	
Invi	tor two	o: Theresa A. Shapiro Date:	
Sign	iture:	Citizen of: United States	
Inve	tor thre	pe: Surojit Sur Date: 01/30/2006	
Sigi	ture:_	Swright Swr Citizen of: India	
Inve	tor fou	r:_Tanzina Labonte Date:	
Sigi	ture:_	Citizen of: Bangladesh	
\boxtimes	ddition	al inventors or a legal representative are being named onadditional form(s) attached hereto.	

Altomey Docket No.: 018890-000610US Client Ref. No.: JHU-1754 US

ent Ref. No.: JHU-1754 US PTO/SB/01A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

ent is		
any		
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.		
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t t		

Attorney Docket No.: 018890-000610US

Client Ref. No.: JHU-1754 US

PTO/SB/01A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) -ADDITIONAL INVENTOR(S)

Supplemental Sheet (Total of 1 forms are submitted.)

FULL NAME OF INVENTOR(S)	
Inventor five: Kristina Borstnik	Date: 01-24-06
Signature: Ktz Btt	Citizen of: Slovenia
Inventor six: Ik-Hyeon Paik	Date:
Signature:	Citizen of: Korea, South
Inventor seven: Andres J. McRiner	Date:
Signature:	Citizen of: United Kingdom
Inventor eight:	Date:
Signature:	Citizen of:

PTO/SB/01A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) -ADDITIONAL INVENTOR(S)

Supplemental Sheet

(Total of 1 forms are submitted.)

FULL NAME OF INVENTOR(S)	
Inventor five: Kristina Borstnik	Date:
Signature:	Citizen of: Slovenia
Inventor six: Ik-Hyeon Paik	Date: Jan 12, 2006
Signature: Khyeafaill	Citizen of: Korea, South
Inventor seven: Andres J. McRiner	Date:
Signature:	Citizen of: United Kingdom
Inventor eight:	Date:
Signature:	Citizen of:

Attorney Docket No.: 018890-000610US

Client Ref. No.: JHU-1754 US

PTO/SB/01A (09-04)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) – ADDITIONAL INVENTOR(S)

Supplemental Sheet (Total of 1 forms are submitted.)

FULL NAME O	F INVENTOR(S)	
Inventor five:	Kristina Borstnik	Date:
Signature:		Citizen of: Slovenia
Inventor six:	Ik-Hyeon Paik	Date:
Signature:	ATM	Citizen of: Korea, South
Inventor seven	Andres J. McRiner	Date: 01/11/06
Signature:		Citizen of: United Kingdom
Inventor eight:		Date:
Signature:	•	Citizen of:

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Num	nber	10/529,513
Filed		March 25, 2005
First Named Inve	entor	Posner, Gary H.
Title		ARTEMISININ-DERIVED TRIOXANE DIMERS
Art Unit		
Examiner Name		
Attorney Docket	Number	018890-000610US

I hereby revoke all previous powers of attorney given in the al	pove-identified application.	
I hereby appoint:		
Practitioners associated with the Customer Number:	20350	
OR		
Practitioner(s) named below:		
Name	Registration Num	ber
	•	·
	·	
as my/our attorney(s) or agent(s) to prosecute the application identified a Trademark Office connected therewith.	above, and to transact all business in t	the United States Patent and
Please recognize or change the correspondence address for the abov	e-identified application to:	
The address associated with the above-mentioned Customer		
	Turno.	
OR		
The address associated with Customer Number:		
OR		
Firm or Individual Name		
Address		*
City	State	Zip
Country		
Telephone	Email	
I am the: Applicant/Inventor.		
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/9	6).	
SIGNATURE of Applicant	or Assignee of Record	
Signature C. K. B. L.	Date 16/25	105
Name R. Keith Baker, Ph.D.	Telephone 4	0-516-4563
Title and Company Sr. Director Johns Hopkins Technology Tran		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or		multiple forms if more than one
signature is required, see below*.		
*Total of forms are submitted.	7	
60590632 v1		

PTO/SB/96 (09-04)

Attorney Docket No. 018890-000610US

STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Gary H. Posner, et al.	_	
Application No./Patent No.: 10/529,513 Filed/Issue Date: March 25, 2005	_	
Entitled: ARTEMISININ-DERIVED TRIOXANE DIMERS		
Johns Hopkins University , a university (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.	.)	
states that it is: 1.		
2. an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is%		
in the patent application/patent identified above by virtue of either:		
 An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. OR B A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 		
1. From: To :		
The document was recorded in the United States Patent and Trademark Office at		
Reel, Frame, or for which a copy thereof is attached.		
2. From: To :		
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.		
3. From: To : To : The document was recorded in the United States Patent and Trademark Office at		
Reel, Frame, or for which a copy thereof is attached.		
Additional documents in the chain of title are listed on a supplemental sheet.		
Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]		
The undersigned whose tiffe is supplied below) is authorized to act on behalf of the assignee.		
K.K. 615-le		
Signature Date		
R. Keith Baker, Ph.D. 4563		
Sr. Director Printed or Typed Name Johns Hopkins Technology Transfer Telephone Number		
Title		

Not For Recordation

Attorney Docket No.: 018890-000610US Client Reference No.: JHU-1754 US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gary H. Posner of 3216 Timberfield Lane, Baltimore, MD 21208; Theresa A.

Shapiro of 1017 Hart Road, Towson, MD 21286; Surojit Sur of 116 W. University Parkway, Apt. 1213, Baltimore, MD 21210; Tanzina Labonte of 3100 St. Paul Street, Apt. 415, Baltimore, MD 21218; Kristina Borstnik of 3811 921 Southquide Deatherbury Road, Apt. 711, Baltimore, MD 21218; Ik-Hyeon Paik of 18 Kings Crossing Court, Apt. J, Baltimore, MD 21030; and Andres J. McRiner of 110 W. 39th Street, Apt. 1605, Baltimore, MD 21210, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

ARTEMISININ-DERIVED TRIOXANE DIMERS

Date(s) of execution of Declaration:

Filed:

March 25, 2005

Application No.:

10/529,513; and

WHEREAS, Johns Hopkins University, located at Licensing & Technology Development, 100 North Charles Street, 5th Floor, Baltimore, MD 21201; hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment

Attorney Docket No.: 018890-000610US

Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

STATE OF Mary Incl)
COUNTY OF Baltinone;

On October 27, 2WS, before me,

Gary H. Posner, personally known to me (or proved to me on the basis of personally appeared _ satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Attorney Docket No.: 018890-000610US Page 3
Dated: Jan 11, 7006 Huma Shapin Theresa A. Shapiro
STATE OF Maryland
STATE OF Maryland) COUNTY OF Baltimore (ity) ss.
on <u>January 11, 2006</u> , before me, <u>Mills Ince Mills</u> personally appeared <u>Theresa A. Shapiro</u> , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature or the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Willie Mac M Crac NOTARY PUBLIC
My Commission Expires: 8/1/200 6

1	signment torney Docket No.: 018890-000610US ge 4
1	ted: 01/30/2006
5	TATE OF MARYCAND
(DUNTY OF BACTIMORE }

88.

on January 30,2006, before me, Surojit Sur

Surojit Sur

personally known to me (or proven _, personally known to me (or proved to me on the basis of rsonally appeared isfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me t it he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the I rson, or the entity upon behalf of which the person acted, executed the instrument.

\ ITNESS my hand and official seal.

l y Commission Expires: Q

Page 6
Dated: January 13, 2006 Wite Bith Kristina Borstnik
STATE OF Pa
STATE OF Pa) SS. COUNTY OF Clevetre)
personally appeared Kristina Borstnik, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Mary L. Idart NOTARY PUBLIC
My Commission Expires:
· · · · · · · · · · · · · · · · · · ·

NOTARIAL SEAL Mary L. Hart, Notary Public State College Boro., Centre County My commission expires August 25, 2009

Assignment

Attorney Docket No.: 018890-000610US

Assignment Attorney Docket No.: 018890-000610US Page 8
Dated: 01/11/06 Andrew J. McRiner
STATE OF) ATMONING
) SS.
COUNTY OF)
on January II, 2006 w only, before me, JENNIFER S. CLARK personally appeared Andrey J. McRiner, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
My Commission Expires: May 18,2012

Assignment Attorney Docket No.: 018890-000610US Page 7	
Dated: Jan. 12, 2006	Khyeafaik Ik-Hyeon Paik
STATE OF Maryland)	- 9 -
STATE OF Maryland) COUNTY OF Baltine) ss.	
satisfactory evidence) to be the person whose name	before me, Hau Mullewsk , personally known to me (or proved to me on the basis of the instrument, and acknowledged to me of capacity, and that by his/her signature on the instrument the nacted, executed the instrument.
WITNESS my hand and official seal.	
^	NOTARY PUBLIC
My Commission Expires: Z/20/0	

Note: Tina; Andy's name is spelled wrong everywhere it should be Andrew, not Andres.

Technology Transfer

- Tanzina olistoco

Attorney Docket No.: 018890-000610US Client Reference No.: JHU-1754 US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gary H. Posner of 3216 Timberfield Lane, Baltimore, MD 21208; Theresa A. Shapiro of 1017 Hart Road, Towson, MD 21286; Surojit Sur of 116 W. University Parkway, Apt. 1213, Baltimore, MD 21210; Tanzina Labonte of 3100 St. Paul Street, Apt. 415, Baltimore, MD 21218; Kristina Borstnik of 3811 Canterbury Road, Apt. 711, Baltimore, MD 21218; Ik-Hyeon Paik of 18 Kings Crossing Court, Apt. J. Baltimore, MD 21030; and Andres J. McRiner of 110 W. 39th Street, Apt. 1605, Baltimore, MD 21210, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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ARTEMISININ-DERIVED TRIOXANE DIMERS

Date(s) of execution of Declaration:

Filed:

March 25, 2005

Application No.:

10/529,513; and

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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

NOTARY PUBLIC A

Assignment

Attorney Docket No.: 018890-000610US

Page 5

Dated: 01/18/06

Tanzina Salonte
Tanzina Labonte

STATE OF Banglactesh

COUNTY OF Dhaka

On 18th Jan: 2006

before me, Md. Abdul Mannan

personally appeared Tanzina Labonte, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

me

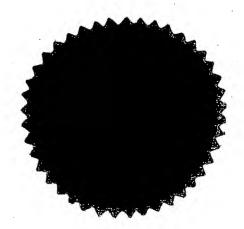
¶8 JAN 2006

NOTARY PUBLIC

MD. ABDUL MANNAN Advocate, Supreme Court & Notary Public

Govi, of Bangladesh 21/9, Rankin Street, Wari, Dhaka Ph: Res-7119924

My Commission Expires: 13 SEP 2006



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